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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/677,135	09/29/2000	Yannis S. Arvanitis	10022/036	1621

7590 09/08/2004

BRINKS HOFFER GILSON + CRONE  
ONE INDIANA SQUARE  
SUITE 2425  
INDIANAPOLIS, IN 46204-2033

EXAMINER

NGUYEN, CAO H

ART UNIT	PAPER NUMBER
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2173

DATE MAILED: 09/08/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b> 09/677,135	<b>Applicant(s)</b> ARVANITIS ET AL.	
	<b>Examiner</b> Cao (Kevin) Nguyen	<b>Art Unit</b> 2173	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 15 June 2004.  
 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.  
 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-43 is/are pending in the application.  
     4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.  
 5) ☒ Claim(s) 16-32 and 37-43 is/are allowed.  
 6) ☒ Claim(s) 1-15 and 33-36 is/are rejected.  
 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.  
 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.  
 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
     Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
     Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
     a) ☐ All    b) ☐ Some \* c) ☐ None of:  
         1. ☐ Certified copies of the priority documents have been received.  
         2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
         3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  
     \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date <u>6/15/04</u> . | 6) <input type="checkbox"/> Other: _____  |

## **DETAILED ACTION**

### ***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

2. Claims 1-15 and 33-36 are rejected under 35 U.S.C. 102(e) as being anticipated by Smith et al. (US Patent No. 6,385,655)

Regarding claim 1, Smith discloses a presentation service architecture for a netcentric computing system, comprising a client connected with a web server; and a desktop manager service, a direct manipulation service, a forms service, an input device service, a report and print service, a user navigation service, web browser services and window system services located on said client for interacting with said web server (see abstract) wherein said forms service is configured to enable application from said web server to use at least one field to display and collect data from said client through said web browser services (see col. 5, lines 21-67).

Regarding claim 2, Smith discloses the presentation service architecture, wherein said desktop manager service allows users to manipulate files and launch applications located on said client (see col. 6, lines 5-56).

Regarding claim 3, Smith discloses the presentation service architecture wherein said direct manipulation service allows users to manage at least one software application object by manipulating visual representations of said application objects located on said client (see col. 7, lines 18-50).

Regarding claim 4, Smith discloses wherein said direct manipulation service includes display services and input/validation services (see col. 8, lines 1-35).

Regarding claim 5, Smith discloses wherein said display services enable applications to represent application objects as at least one icon and control the display characteristics of said icon (see col. 19, lines 1-49).

Regarding claim 6, Smith discloses presentation service architecture, wherein said input/validation services enable applications to invoke validation (see col. 20, lines 17-55).

Regarding claim 8, Smith discloses wherein said input device service detects user input from at least one input device located on said client (see col. 9, lines 45-67).

Regarding claim 9, Smith discloses wherein said report and print service enables on-screen previewing and printing of documents that contain data that are generated on said client by said web server (see col. 10, lines 21, lines 30-43).

Regarding claim 10, Smith discloses, where said user navigation service provide users with the ability to access or navigate (see col. 18, lines 35-60).

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As claim 11-17 are analyzed as previously discussed with respect to claims 1-10 above.

Regarding claim 33, Smith discloses, wherein said forms service is configured to allow applications to copy the contents of said at least one field to a copybook structure stored in said client or retrieval or display by applications operable on said web server (see col. 12, lines 1-35).

Regarding claims 34-36, Smith discloses wherein said at least one field is a plurality of fields, and said forms service is configured to manage field interdependencies and invoke application logic based on user actions and the state of said fields (see figures 4-9).

***Allowable Subject Matter***

3. Claims 16-32 and 37-43 are allowed over the prior art.

***Conclusion***

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. (see PTO-892).

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cao (Kevin) Nguyen whose telephone number is (703)305-3972. The examiner can normally be reached on 8:30AM-5:00PM.

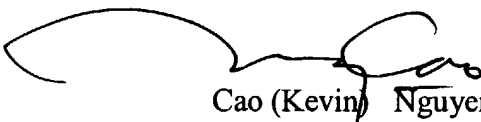
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Cabeca can be reached on (703)308-3116. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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Cao (Kevin) Nguyen  
Primary Examiner  
Art Unit 2173

09/05/04